

## **AMENDMENTS TO THE SPECIFICATION:**

**Please amend the paragraph beginning on page 9, line 1, as follows:**

As shown in Fig. 3B, the field magnet 6 is magnetized at a magnetization pitch  $P$  to the first and second stages divided in the axial direction of its outer surface, hence S and N poles are alternately repeated in the circumferential direction at every stage. Each stage is divided with an equal length  $H/2$  with respect to its axial size  $H$ , and the positions of the magnetic poles of the respective stages are shifted from each other by a shift amount  $\alpha$  (electrical angle). As shown in Fig. 3B, boundaries between the S poles and the N poles are formed in a stepped shape in parallel with the axis of the rotating shaft.